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April 1988

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HIGHLIGHTS

The 1986-87 data indicates:

* 337,868 students were enrolled in vocational education programs in Pennsylvania. This represented a drop of 14,039 (4.0 percent) from the 1985-86 figure, and a 23.8 percent decline from the high of 443,220 students in 1978-79.

* minorities represented more than 13 percent of all students enrolled in vocational education programs.

* females accounted for 52.2 percent of the total vocational education enrollments.

* 168,535 students were enrolled in secondary vocational education programs, a decline of 92,827 or 35.5 percent from the peak of 261,362 in 1978-79.

* 81,333 students were enrolled in adult vocational education programs; 11,590 or 14.2 percent were reported as preparatory, 66,334 or 81.6 percent were reported as supplemental, and 3,409 or 4.2 percent were reported as apprentice.

* secondary and adult vocational education served 16,292 handicapped and 54,775 disadvantaged students (including 1,379 limited English proficient students).

* 13,667 students were enrolled in Job Training Partnership Act (JTPA) programs administered by the Pennsylvania Department of Education.

* of those responding to the vocational education follow-up survey of 1985-86 completers, 89.2 percent of the secondary and 83.5 percent of the adult respondents were gainfully placed (employed, military service, and pursuing additional education).

* over $477 million were expended in support of vocational education programs.

TABLE OF CONTENTS

Page

INTRODUCTION 1

GLOSSARY 34

TABLES

Table Page

1. Vocational Education Enrollments by Level and Program Field, 1977-78 Through 1986-87 2

2. Vocational Education Enrollments by Race by Level and Program Field, 1986-87 4

3. Vocational Education Enrollments by Sex by Level and Program Field, 1986-87 5

4. AVTS Vocational Education Enrollments by Level by School, 1986-87 6

5. Adult Vocational Education Enrollments and Completers by Type of Student by County, 1986-87 10

6. Adult Vocational Education Programs and Enrollments by Type of Institution by Program, 1986-87 13

7. AVTS Adult Vocational Education Enrollments by Program Field by School, 1986-87 20

8. Vocational Education Special Needs Enrollments by Level by Program Field, 1986-87 22

9. Job Training Partnership Act (JTPA), State Education Grant Enrollments and Completers by Program Field, 1986-87 24

10. Follow-Up of Vocational Education Completers of Approved Secondary Programs by Program Field and Sex, 1985-86 26

11. Follow-Up of Vocational Education Completers of Adult Programs by Program Field and Sex, 1985-86 27

12. Average Salary of Vocational Education Completers by Sex by Level and Program Field, 1985-86 29

13. Support for Vocational Education by Source by Selected Years 30

Table Page

14. Secondary Vocational Education Teachers by Program Field, 1982-83 Through 1986-87 32

15. Adult Vocational Education Teachers by Education Level and Hourly Salary by Program Field, 1986-87 33

FIGURES

Figure Page

1. Vocational Education Enrollments, Secondary, Adult, and Postsecondary, 1977-78 Through 1986-87 3

2. Vocational Education Enrollments by Level by Type of Institution, 1986-87 9

3. Adult Vocational Education Preparatory Enrollments and Completions, 1986-87 12

4. Secondary Vocational Education Special Needs Enrollments by Type of Institution, 1986-87 23

5. Follow-Up of Vocational Education Completers by Level, 1985-86 . . . 28

6. Support for Vocational Education by Source by Selected Years 31

7. Secondary Vocational Education Teachers, High School and AVTS, 1982-83 Through 1986-87 32

INTRODUCTION

"Vocational Education Statistics, 1986-87" is one in a series of publications containing statistical summaries related to basic education, higher education, and vocational education in Pennsylvania. The data contained in this publication reflects current year figures as well as trends on a variety of selected topics. In many instances, more detailed data is available.

Requests for more detailed data and questions or comments about the data should be addressed to the Pennsylvania Department of Education, Division of Data Services, 333 Market Street, Harrisburg, PA 17126-0333 (phone 717-787-2644).

Sources:
- Vocational Secondary Students Aggregate Enrollment Report (PDE-4051)
- Special Federally Funded Handicapped and Disadvantaged Vocational Students Aggregate Enrollment Report (PDE-4046-B)
- Vocational Adult Students Aggregate Enrollment Report (PDE-4049)
- Vocational Postsecondary Students Aggregate Enrollment Report (PDE-4052)
- Enrollment and Termination Form for Customized Job Training, Health Occupations Education, or Training for Occupations with Promise (PDE-4023)
- Secondary Vocational Student Follow-up (PDE-4519)
- Adult Vocational Student Follow-up (PDE-4520)
- Vocational Education Professional Personnel (Secondary Level) (PDE-5023)
- Basic Data for Personnel Servicing Vocational Education Programs (Adult Level) (PDE-5025)

TABLE 1

VOCATIONAL EDUCATION ENROLLMENTS BY LEVEL AND PROGRAM FIELD
1977-78 THROUGH 1986-87

	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
GRAND TOTAL	436 185	443 220	421 411	405 718	400 440	395 190	373 947	364 092	351 907	337 868
SECONDARY TOTAL	259 914	261 362	258 913	251 849	242 920	233 242	216 910	197 996	181 486	168 535
Agriculture Education	16 377	15 637	14 723	13 825	13 435	12 728	11 718	11 122	10 267	9 443
Business Education	65 552	64 811	63 261	61 110	59 695	61 146	56 198	50 322	45 108	39 966
Health Occupations Education	5 321	5 317	5 070	5 151	4 912	4 866	5 168	5 081	4 557	4 210
Marketing and Distributive Education	11 372	10 853	10 424	9 694	9 120	8 856	7 684	7 071	6 263	5 809
Occupational Home Economics Education	7 906	7 538	7 043	7 637	7 342	10 032	9 845	9 002	8 419	7 502
Technical Education	10 746	10 290	9 592	9 708	9 184	8 827	8 539	7 766	7 477	-
Trade and Industrial Education	73 522	76 540	77 462	76 718	73 569	59 859	55 972	51 803	47 371	50 822
Not Elsewhere Classified	-	1 833	6 827	4 986	5 090	12 200	11 088	10 983	5 686	5 476
Consumer and Homemaking Education	69 118	68 543	64 511	63 020	60 573	54 728	50 698	44 846	46 338	45 307
POSTSECONDARY TOTAL	33 851	46 006	68 139	71 292	75 381	80 130	83 101	93 133	90 040	88 000 1/
Agriculture Education	198	236	359	366	317	786	767	944	902	880
Business Education	12 162	17 334	20 965	24 463	27 291	29 292	32 971	34 121	32 000	31 270
Health Occupations Education	4 789	6 375	11 767	13 576	14 145	16 248	16 106	17 077	17 094	16 710
Marketing and Distributive Education	2 892	4 313	5 658	5 103	5 024	3 183	3 969	6 049	6 338	6 200
Occupational Home Economics Education	689	968	1 789	1 063	1 096	2 362	2 291	3 059	3 327	3 250
Technical Education	9 409	11 777	14 964	15 769	16 742	18 734	17 659	19 908	20 295	-
Trade and Industrial Education	3 712	5 003	12 637	10 805	10 674	8 245	8 080	10 249	8 914	28 550
Not Elsewhere Classified	-	-	-	147	92	1 280	1 258	1 726	1 170	1 140
ADULT TOTAL	142 420	135 852	94 359	82 577	82 139	81 818	73 936	72 963	80 381	81 333
Agriculture Education	5 671	5 218	5 005	5 327	5 429	5 508	4 758	4 841	4 619	5 035
Business Education	23 106	20 325	15 137	15 306	16 149	21 067	22 157	18 771	26 096	24 330
Health Occupations Education	12 391	15 713	7 488	9 032	9 592	9 056	7 413	5 512	6 643	5 303
Marketing and Distributive Education	2 130	1 790	644	972	1 198	1 467	426	950	880	929
Occupational Home Economics Education	2 116	2 182	1 178	1 059	876	2 266	2 902	3 165	2 839	3 0o1
Technical Education	8 595	6 634	3 531	4 798	5 821	5 686	3 721	3 847	4 217	-
Trade and Industrial Education	82 978	78 971	57 324	41 228	39 514	33 908	29 902	33 326	32 962	40 799
Not Elsewhere Classified	-	-	-	1 479	1 080	368	323	369	423	366
Consumer and Homemaking Education	5 433	5 019	4 052	3 376	2 480	2 492	2 334	2 182	1 702	1 510

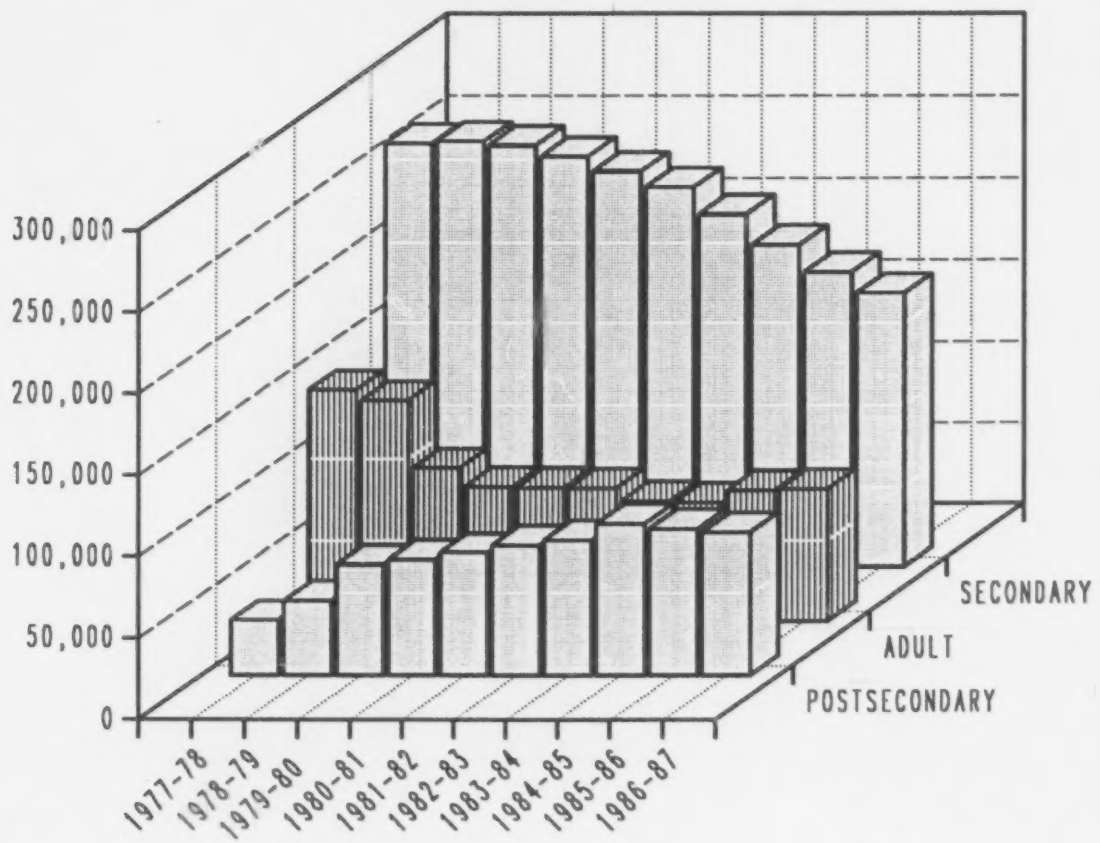
1/ All 1986-87 postsecondary enrollments are estimated.

Postsecondary and adult definitions have changed over the years making attempts at comparison misleading.

A new program coding system entitled "A Classification of Instructional Programs" (CIP) was developed at the national level and was implemented in Pennsylvania in 1982-83. As a result of this new coding system, some programs are now included in different program fields. Several programs that were in trade and industrial education prior to 1982-83 are now in occupational home economics education or not elsewhere classified.

As of 1986-87, the technical education program field is included in the trade and industrial education program field.

FIGURE 1
VOCATIONAL EDUCATION ENROLLMENTS
SECONDARY, ADULT, AND POSTSECONDARY
1977-78 THROUGH 1986-87



NOTE: The 1986-87 postsecondary enrollments are estimated.

TABLE 2

VOCATIONAL EDUCATION ENROLLMENTS BY RACE BY LEVEL AND PROGRAM FIELD, 1986-87

	Total	American Indian or Alaskan Native	Asian or Pacific Islander	Black, Not of Hispanic Origin	Hispanic	Nonresident Alien	White, Not of Hispanic Origin
GRAND TOTAL	337 868	365	2 142	38 946	4 738	120	291 557
SECONDARY TOTAL	168 535	124	609	25 504	3 283	-	139 015
Agriculture Education	9 443	3	9	366	33	-	9 032
Business Education	39 966	19	119	6 344	706	-	32 778
Health Occupations Education	4 210	2	25	813	105	-	3 265
Marketing and Distributive Education	5 809	11	11	1 111	151	-	4 525
Occupational Home Economics Education	7 502	13	30	2 195	215	-	5 049
Trade and Industrial Education	50 822	62	212	7 576	1 242	-	41 730
Not Elsewhere Classified	5 476	1	32	558	213	-	4 672
Consumer and Homemaking Education	45 307	13	171	6 541	618	-	37 964
POSTSECONDARY TOTAL 1/	88 000	170	1 030	7 680	820	120	78 180
Agriculture Education	880	4	2	11	-	4	859
Business Education	31 270	82	380	3 704	367	44	26 693
Health Occupations Education	16 710	17	95	910	104	16	15 568
Marketing and Distributive Education	6 200	12	49	578	54	4	5 503
Occupational Home Economics Education	3 250	5	51	342	40	1	2 811
Trade and Industrial Education	28 550	50	450	2 008	248	51	25 743
Not Elsewhere Classified	1 140	-	3	127	7	-	1 003
ADULT TOTAL	81 333	71	503	5 762	635	-	74 362
Agriculture Education	5 035	-	9	5	5	-	5 016
Business Education	24 330	22	174	2 796	214	-	21 124
Health Occupations Education	5 303	9	24	341	54	-	4 875
Marketing and Distributive Education	929	2	1	20	4	-	902
Occupational Home Economics Education	3 061	1	58	546	71	-	2 385
Trade and Industrial Education	40 799	36	225	1 952	278	-	38 308
Not Elsewhere Classified	366	1	-	17	3	-	345
Consumer and Homemaking Education	1 510	-	12	85	6	-	1 407

1/ All postsecondary enrollments are estimated.

The percentage breakdowns of vocational education enrollments by race are: 86.29 White, not of Hispanic origin; 11.53 Black, not of Hispanic origin; 1.40 Hispanic; 0.63 Asian or Pacific Islander; 0.11 American Indian or Alaskan Native; and 0.04 nonresident alien.

Minorities (excludes nonresident aliens) account for 13.67 percent of vocational education enrollments. The percents of minority enrollments by program vary considerably: 2.91 agriculture education; 15.62 business education; 9.53 health occupations education; 15.49 marketing and distributive education; 25.82 occupational home economics education; 11.93 trade and industrial education; 13.78 not elsewhere classified; and 15.90 consumer and homemaking education.

TABLE 3

VOCATIONAL EDUCATION ENROLLMENTS BY SEX BY LEVEL AND PROGRAM FIELD, 1986-87

	Total	Female	Male
GRAND TOTAL	337 868	176 208	161 660
SECONDARY TOTAL	168 535	94 001	74 534
Agriculture Education	9 443	2 077	7 366
Business Education	39 966	32 145	7 821
Health Occupations Education	4 210	3 971	239
Marketing and Distributive Education	5 809	3 754	2 055
Occupational Home Economics Education	7 502	5 082	2 420
Trade and Industrial Education	50 822	10 511	40 311
Not Elsewhere Classified	5 476	2 195	3 281
Consumer and Homemaking Education	45 307	34 266	11 041
POSTSECONDARY TOTAL 1/	88 000	47 770	40 230
Agriculture Education	880	410	470
Business Education	31 270	21 120	10 150
Health Occupations Education	16 710	14 210	2 500
Marketing and Distributive Education	6 200	3 490	2 710
Occupational Home Economics Education	3 250	2 240	1 010
Trade and Industrial Education	28 550	5 410	23 140
Not Elsewhere Classified	1 140	890	250
ADULT TOTAL	81 333	34 437	46 896
Agriculture Education	5 035	891	4 144
Business Education	24 330	17 921	6 409
Health Occupations Education	5 303	4 423	880
Marketing and Distributive Education	929	543	386
Occupational Home Economics Education	3 061	2 586	475
Trade and Industrial Education	40 799	6 589	34 210
Not Elsewhere Classified	366	158	208
Consumer and Homemaking Education	1 510	1 326	184

1/ All postsecondary enrollments are estimated.

Females account for 52.2 percent of the total vocational education enrollment and 48.3 percent of the occupational enrollment. Although sex equity efforts have contributed to an increase in females and males in nontraditional areas, the overall enrollment picture is still aligned according to the traditional female/male roles.

TABLE 4

AVTS VOCATIONAL EDUCATION ENROLLMENTS BY LEVEL BY SCHOOL, 1986-87

	Total	Secondary	Adult
AVTS TOTAL	116 022	60 667	55 355
A P Randolph Skills Center	992	992	0
A W Beattie AVTS	941	941	0
Admiral Peary AVTS	1 427	709	718
Altoona AVTS	2 835	1 453	1 382
Alvin Swenson Skills Center	1 903	1 903	0
Beaver County AVTS	1 213	820	393
Bedford-Everett AVTS	628	263	365
Berks County AVTS-East	901	901	0
Berks County AVTS-West	5 496	677	4 819
Bethlehem AVTS	2 238	1 358	880
Bradford County AVTS	443	320	123
Bucks County AVTS	1 854	1 325	529
Butler County AVTS	1 142	759	383
Carbon County AVTS	946	480	466
Central Chester County AVTS	943	576	367
Central Montgomery County AVTS	1 495	701	794
Central Westmoreland County AVTS	2 320	1 414	906
Centre County AVTS	1 246	532	714
Clarion County AVTS	1 125	466	659
Clearfield County AVTS	829	520	309
Columbia-Montour AVTS	1 279	659	620
Connelley Skill Center	1 260	0	1 260
Crawford County AVTS	1 368	646	722
Cumberland-Perry AVTS	1 533	950	583
Dauphin County AVTS	1 208	705	503
Delaware County AVTS-Aston	228	228	0
Delaware County AVTS-Folcroft	1 493	673	820
Delaware County AVTS-Marple	1 477	832	645
Eastern Montgomery County AVTS	1 397	516	881
Eastern Northampton County AVTS	770	751	19
Eastern Westmoreland County AVTS	1 110	572	538
Edward Bok AVTS	970	970	0
Erie County AVTS	3 140	878	2 262
Fayette County AVTS	1 040	761	279
Forbes Road East AVTS	853	853	0
Franklin County AVTS	2 926	1 197	1 729

TABLE 4

AVTS VOCATIONAL EDUCATION ENROLLMENTS BY LEVEL BY SCHOOL, 1986-87--Continued

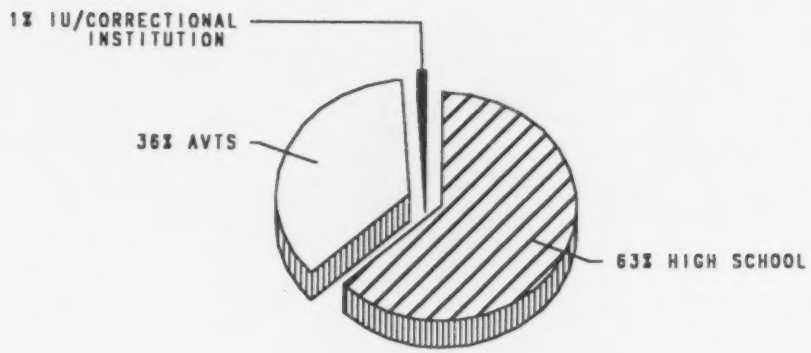
	Total	Secondary	Adult
Greater Johnstown AVTS	3 145	864	2 281
Greene County AVTS	397	373	24
Hazleton AVTS	1 006	804	202
Harrisburg-Steelton-Highspire AVTS	955	894	61
Huntingdon County AVTS	957	435	522
Indiana County AVTS	750	505	245
Jefferson County-Dubois AVTS	1 255	599	656
JFK Adult AVTS	561	0	561
Jules E Mastbaum AVTS	1 279	1 279	0
Juniata-Mifflin County AVTS	907	412	495
Keystone Central AVTS	529	293	236
Lackawanna County AVTS-Dendé	1 592	578	1 014
Lackawanna County AVTS-Mensky	303	303	0
Lancaster County AVTS-Brownstown	199	199	0
Lancaster County AVTS-Mt Joy	181	181	0
Lancaster County AVTS-Willow St	3 225	533	2 692
Lawrence County AVTS	1 946	860	1 086
Lebanon County AVTS	1 734	847	887
Lehigh County AVTS	3 496	2 268	1 228
Lenape AVTS	644	493	151
McKeesport AVTS	367	367	0
Mercer County AVTS	1 187	548	639
Middle Bucks County AVTS	1 095	662	433
Mon Valley AVTS	990	555	435
Monroe County AVTS	3 749	600	3 149
Murrell Dobbins AVTS	1 730	1 488	242
North Fayette County AVTS	1 121	609	512
North Montco AVTS	1 282	686	596
Northern Chester County AVTS	496	402	94
Northern Westmoreland County AVTS	648	383	265
Northumberland County AVTS	650	417	233
Parkway West AVTS	924	917	7
Reading-Muhlenberg AVTS	1 531	1 056	475
Schuylkill County AVTS-North	2 328	553	1 775
Schuylkill County AVTS-South	527	527	0
Seneca Highlands AVTS	484	315	169
Somerset County AVTS	1 545	650	895
Steel Center AVTS	972	657	315

TABLE 4

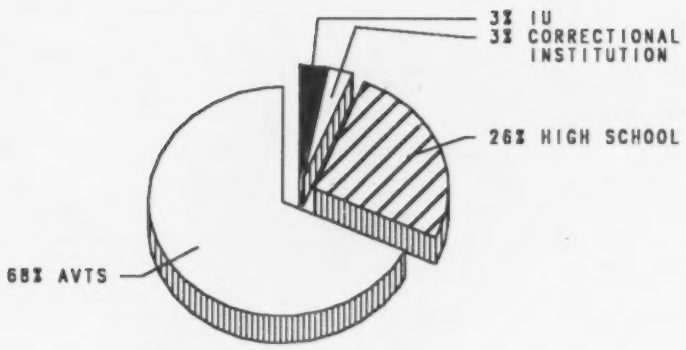
AVTS VOCATIONAL EDUCATION ENROLLMENTS BY LEVEL BY SCHOOL, 1986-87--Concluded

	Total	Secondary	Adult
SUN AVTS	639	283	356
Susquehanna County AVTS	1 009	306	703
Technical Memorial AVTS	1 430	1 010	420
Upper Bucks County AVTS	1 408	651	757
Venango County AVTS	819	527	292
W B Saul HS of Agricultural Science	648	648	0
Warren County AVTS	683	532	151
West Side AVTS	715	715	0
Western AVTS	487	458	29
Western Montgomery County AVTS	788	209	579
Wilkes-Barre AVTS	1 635	1 073	562
Williamsport Area Community College	605	605	0
York County AVTS	5 500	1 237	4 263

FIGURE 2
VOCATIONAL EDUCATION ENROLLMENTS BY LEVEL
BY TYPE OF INSTITUTION
1986-87



SECONDARY



ADULT

TABLE 5

ADULT VOCATIONAL EDUCATION ENROLLMENTS AND COMPLETERS
BY TYPE OF STUDENT BY COUNTY, 1986-87

	Total Enrollments	Preparatory				Supplemental	Apprentice
		Total Preparatory	Long Term 1/	Short Term 2/	Completers		
ADULT TOTAL	81 333	11 590	4 631	6 959	7 362	66 334	3 409
Adams	366	0	0	0	0	366	0
Allegheny	2 201	822	734	88	310	908	471
Armstrong	317	83	38	45	27	234	0
Beaver	405	0	0	0	0	405	0
Bedford	665	0	0	0	0	665	0
Berks	5 737	318	92	226	267	5 316	103
Blair	1 814	216	122	94	150	1 598	0
Bradford	123	39	39	0	18	84	0
Bucks	2 845	795	196	599	607	1 898	152
Butler	997	55	18	37	54	942	0
Cambria	3 015	320	235	85	263	2 695	0
Cameron	22	0	0	0	0	22	0
Carbon	466	108	62	46	87	358	0
Centre	1 652	259	22	237	237	1 374	19
Chester	792	61	60	1	26	700	31
Clarion	659	386	57	329	298	270	3
Clearfield	309	80	66	14	37	229	0
Clinton	712	110	0	110	45	602	0
Columbia	620	141	7	134	124	479	0
Crawford	961	109	93	16	69	746	106
Cumberland	2 563	17	17	0	12	2 546	0
Dauphin	1 121	81	61	20	64	1 040	0
Delaware	2 348	126	56	70	63	1 989	233
Elk	21	0	0	0	0	21	0
Erie	3 213	1 170	233	937	943	1 969	74
Fayette	791	87	87	0	35	704	0
Forest	0	0	0	0	0	0	0
Franklin	2 172	125	123	2	46	2 039	8
Fulton	0	0	0	0	0	0	0
Greene	160	24	24	0	24	136	0
Huntingdon	949	18	15	3	16	931	0
Indiana	365	51	51	0	37	314	0
Jefferson	656	564	15	549	443	90	2

TABLE 5

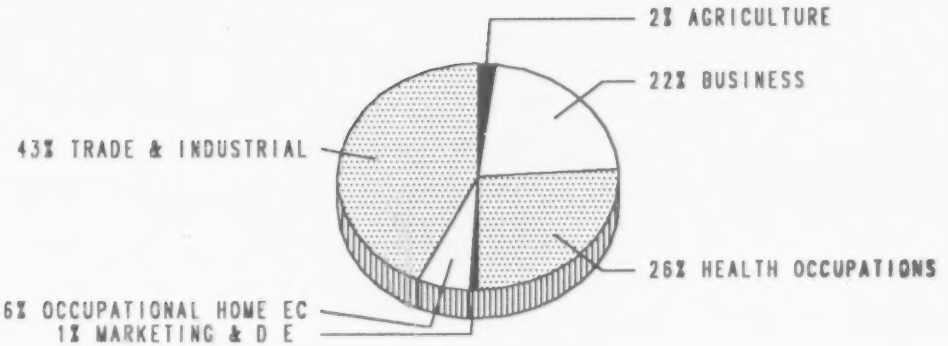
ADULT VOCATIONAL EDUCATION ENROLLMENTS AND COMPLETERS
BY TYPE OF STUDENT BY COUNTY, 1986-87--Concluded

	Total Enrollments	Preparatory				Supplemental	Apprentice
		Total Preparatory	Long Term 1/	Short Term 2/	Completers		
Juniata	0	0	0	0	0	0	0
Lackawanna	1 040	133	96	37	81	907	0
Lancaster	4 388	527	145	382	448	3 636	225
Lawrence	1 298	115	95	20	66	1 183	0
Lebanon	1 061	40	31	9	28	1 021	0
Lehigh	1 703	101	81	20	57	1 489	113
Luzerne	764	430	171	259	308	259	75
Lycoming	446	0	0	0	0	446	0
McKean	2 030	97	0	97	56	1 933	0
Mercer	1 128	156	75	81	129	972	0
Mifflin	495	156	59	97	92	339	0
Monroe	3 149	484	33	451	269	2 565	100
Montgomery	3 526	26	26	0	7	3 252	248
Montour	186	186	186	0	63	0	0
Northampton	1 376	21	19	2	11	1 355	0
Northumberland	725	103	0	103	88	615	7
Perry	76	1	1	0	0	75	0
Philadelphia	5 805	1 595	657	938	403	3 229	981
Pike	181	0	0	0	0	181	0
Potter	43	0	0	0	0	43	0
Schuylkill	2 006	186	23	163	117	1 820	0
Snyder	249	0	0	0	0	249	0
Somerset	1 020	50	39	11	45	953	17
Sullivan	0	0	0	0	0	0	0
Susquehanna	826	57	34	23	41	769	0
Tioga	6	3	0	3	3	3	0
Union	517	7	7	0	3	510	0
Venango	555	105	53	52	77	450	0
Warren	200	70	70	0	36	130	0
Washington	588	464	29	435	454	124	0
Wayne	0	0	0	0	0	0	0
Westmoreland	1 979	112	39	73	50	1 527	340
Wyoming	62	0	0	0	0	62	0
York	4 868	200	139	61	128	4 567	101

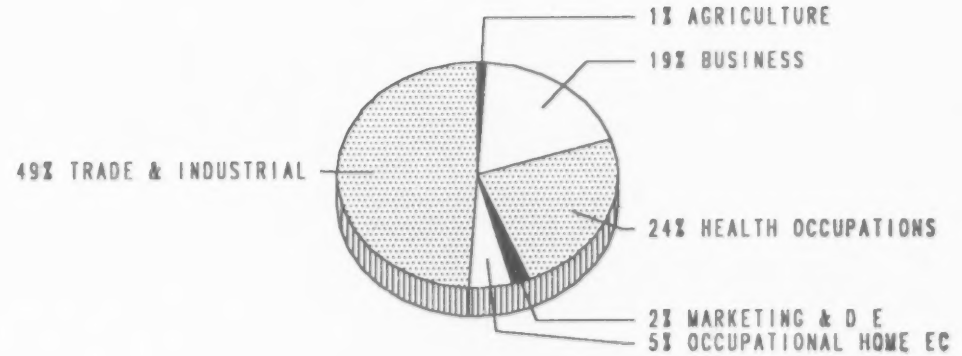
1/ Students enrolled in a program of a least 500 hours.

2/ Students enrolled in a program of less than 500 hours.

FIGURE 3
ADULT VOCATIONAL EDUCATION
PREPARATORY ENROLLMENTS AND COMPLETIONS
1986-87



ENROLLMENTS



COMPLETIONS

TABLE 6

ADULT VOCATIONAL EDUCATION PROGRAMS AND ENROLLMENTS BY TYPE OF INSTITUTION BY PROGRAM, 1986-87

	Total		High School		AVTS		Intermediate Unit		Correctional Institution	
	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled
ADULT TOTAL	1 898	81 333	487	21 065	1 306	55 355	31	2 439	74	2 474
Agriculture Education	86	5 035	62	4 273	23	684	1	78	0	0
Agricultural mechanics	7	233	7	233	0	0	0	0	0	0
Agricultural production	51	3 833	50	3 792	1	41	0	0	0	0
Agriculture, other	1	17	0	0	1	17	0	0	0	0
Forestry production/processing	3	81	0	0	2	3	1	78	0	0
Horseshoeing	1	22	0	0	1	22	0	0	0	0
Horticulture	7	231	0	0	7	231	0	0	0	0
Landscaping	9	239	3	100	6	139	0	0	0	0
Lumbering	1	42	0	0	1	42	0	0	0	0
Ornamental horticulture	3	180	0	0	3	180	0	0	0	0
Pet grooming	1	56	1	56	0	0	0	0	0	0
Wildlife management	2	101	1	92	1	9	0	0	0	0
Business Education	453	24 330	234	10 271	200	12 588	4	508	15	963
Accounting	37	1 547	20	783	13	529	0	0	4	235
Accounting and computing	3	38	1	25	2	13	0	0	0	0
Accounting, bookkeeping, other	1	10	1	10	0	0	0	0	0	0
Bookkeeping	17	426	8	173	9	253	0	0	0	0
Business & mgmnt, other	1	7	0	0	1	7	0	0	0	0
Business admin/management	5	151	4	97	1	54	0	0	0	0
Business admin/management, other	2	27	1	19	1	8	0	0	0	0
Business data processing	41	2 485	15	792	25	1 596	0	0	1	97
Business data processing, other	49	6 612	29	1 963	18	4 620	0	0	2	29
Business data programming	12	372	6	180	6	192	0	0	0	0
Business education, other	13	921	6	556	5	195	0	0	2	170
Clerk-typist	94	4 940	62	3 063	28	1 484	0	0	4	393
Computer and console operator	11	1 008	1	53	9	480	1	475	0	0
Data entry operation	13	623	2	37	10	556	1	30	0	0
Executive secretarial	1	6	0	0	1	6	0	0	0	0
General office	14	674	8	306	6	368	0	0	0	0
General office clerk	6	114	4	103	1	9	1	2	0	0
Investments & securities	2	63	1	43	1	20	0	0	0	0

TABLE 6

ADULT VOCATIONAL EDUCATION PROGRAMS AND ENROLLMENTS BY TYPE OF INSTITUTION BY PROGRAM, 1986-87--Continued

	Total		High School		AVTS		Intermediate Unit		Correctional Institution	
	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled
Business Education--Concluded										
Legal secretarial	1	13	0	0	1	13	0	0	0	0
Medical secretarial	7	91	2	40	5	51	0	0	0	0
Office supervision/management	2	69	1	68	0	0	1	1	0	0
Receptionist	1	12	1	12	0	0	0	0	0	0
Secretarial	6	158	1	102	5	56	0	0	0	0
Secretarial, general	11	244	8	184	3	60	0	0	0	0
Secretarial, other	5	97	0	0	5	97	0	0	0	0
Shipping, receiving, stock clerk	1	23	0	0	1	23	0	0	0	0
Stenographic	24	623	16	459	7	148	0	0	1	16
Taxation	2	35	0	0	2	35	0	0	0	0
Teller	1	20	0	0	1	20	0	0	0	0
Traffic/rate/transportation clerk	1	1	0	0	1	1	0	0	0	0
Word processing	69	2 920	36	1 203	32	1 694	0	0	1	23
Health Occupations Education	137	5 303	11	442	123	4 795	1	23	2	43
Allied health, other	2	185	0	0	2	185	0	0	0	0
Cardiovascular technology	1	52	0	0	1	52	0	0	0	0
Dental assisting	18	341	2	18	16	323	0	0	0	0
Dental lab technology	3	37	1	7	1	20	0	0	1	10
EMT-ambulance	6	639	0	0	6	639	0	0	0	0
EMT-paramedic	3	161	0	0	3	161	0	0	0	0
Geriatric aide	2	119	0	0	2	119	0	0	0	0
Health assisting	3	113	1	18	2	95	0	0	0	0
Health unit coordinating	2	70	0	0	2	70	0	0	0	0
Home health aide	7	124	0	0	6	91	0	0	1	33
Medical assisting	13	361	0	0	13	361	0	0	0	0
Medical lab technology	1	18	1	18	0	0	0	0	0	0
Medical lab technology, other	1	1	0	0	1	1	0	0	0	0
Medical office management	2	58	0	0	2	58	0	0	0	0
Miscellaneous allied health services	2	76	0	0	2	76	0	0	0	0
Nursing assisting	18	430	0	0	17	407	1	23	0	0
Nursing-related, other	8	209	1	31	7	178	0	0	0	0
Physician assisting	1	1	0	0	1	1	0	0	0	0

TABLE 6

ADULT VOCATIONAL EDUCATION PROGRAMS AND ENROLLMENTS BY TYPE OF INSTITUTION BY PROGRAM, 1986-87--Continued

	Total		High School		AVTS		Intermediate Unit		Correctional Institution	
	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled
Health Occupations Education--Concluded										
Practical nursing	42	2 253	4	332	38	1 921	0	0	0	0
Respiratory therapy technology	1	18	1	18	0	0	0	0	0	0
Surgical technology	1	37	0	0	1	37	0	0	0	0
Marketing & Distributive Education	33	929	6	94	26	806	1	29	0	0
Advertising	1	32	0	0	1	32	0	0	0	0
Financial services marketing	3	101	2	52	1	49	0	0	0	0
Marketing & distribution	7	129	2	23	4	77	1	29	0	0
Marketing hotel/motel services	1	15	0	0	1	15	0	0	0	0
Purchasing	1	2	0	0	1	2	0	0	0	0
Retailing	1	25	0	0	1	25	0	0	0	0
Sales	2	76	0	0	2	76	0	0	0	0
Small business management & ownership	10	468	0	0	10	468	0	0	0	0
Travel services marketing	4	49	1	7	3	42	0	0	0	0
Warehouse services marketing	3	32	1	12	2	20	0	0	0	0
Occupational Home Economics Education	106	3 061	23	923	77	2 016	4	56	2	66
Baking	12	214	1	17	11	197	0	0	0	0
Chef/cook	9	301	2	28	7	273	0	0	0	0
Child care services	1	6	0	0	1	6	0	0	0	0
Clothing/textiles mgmnt/production	8	204	4	139	4	65	0	0	0	0
Custodial services	2	52	0	0	2	52	0	0	0	0
Custom draperymaking	1	13	0	0	0	0	1	13	0	0
Dressmaking	3	96	1	65	2	31	0	0	0	0
Floral design	27	927	9	245	18	682	0	0	0	0
Food production, mgmnt, & services	10	226	0	0	10	226	0	0	0	0
Food service	3	101	0	0	2	51	0	0	1	50
Home decorating	3	50	1	28	2	22	0	0	0	0
Home furnish, equipment, services	1	31	0	0	1	31	0	0	0	0
Interior design	5	127	0	0	4	125	1	2	0	0
Occupational home economics, other	2	38	0	0	1	22	0	0	1	16
Power sewing	13	504	3	317	8	146	2	41	0	0

TABLE 6

ADULT VOCATIONAL EDUCATION PROGRAMS AND ENROLLMENTS BY TYPE OF INSTITUTION BY PROGRAM, 1986-87--Continued

	Total		High School		AVTS		Intermediate Unit		Correctional Institution	
	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled
Occupational Home Economics Education--Concluded										
Slipcovering/upholstering	2	42	0	0	2	42	0	0	0	0
Tailoring	3	93	2	84	1	9	0	0	0	0
Teacher aide	1	36	0	0	1	36	0	0	0	0
Trade & Industrial Education	1 035	40 799	119	3 857	841	33 795	20	1 745	55	1 402
Aircraft mechanics	1	53	0	0	1	53	0	0	0	0
Airplane pilot/navigation	2	7	0	0	2	7	0	0	0	0
Appliance repair	6	101	0	0	6	101	0	0	0	0
Architectural design technology	1	6	0	0	1	6	0	0	0	0
Audio-visual communications	2	78	0	0	2	78	0	0	0	0
Auto diesel mechanic	1	15	0	0	1	15	0	0	0	0
Automotive body repair	34	658	1	8	30	603	1	10	2	37
Automotive mechanics	45	2 861	5	133	34	2 529	0	0	6	199
Automotive occupations	4	320	0	0	4	320	0	0	0	0
Automotive specialist	14	1 057	0	0	14	1 057	0	0	0	0
Automotive technology	1	9	0	0	1	9	0	0	0	0
Barbering	2	25	0	0	0	0	0	0	2	25
Building & property maintenance	8	139	0	0	6	87	0	0	2	52
Building construction occupations	6	118	0	0	6	118	0	0	0	0
Building trades maintenance	9	182	1	12	8	170	0	0	0	0
Carpentry	53	2 275	5	590	43	1 508	0	0	5	177
Chemical manufacturing technology	3	29	0	0	1	2	2	27	0	0
Chemical technology	3	127	0	0	3	127	0	0	0	0
Civil technology	1	5	0	0	1	5	0	0	0	0
Civil/structural drafting	2	18	0	0	2	18	0	0	0	0
Coal mining technology	1	81	0	0	1	81	0	0	0	0
Commercial art	17	461	3	94	12	326	1	1	1	40
Commercial photography	9	288	1	55	8	233	0	0	0	0
Communication electronics	6	189	0	0	6	189	0	0	0	0
Computer & information sciences	7	389	1	42	6	347	0	0	0	0
Computer & information sciences, other	1	141	0	0	1	141	0	0	0	0
Computer electronics	1	15	0	0	1	15	0	0	0	0
Computer programming	15	897	4	283	11	614	0	0	0	0
Computer servicing technology	5	65	0	0	5	65	0	0	0	0
Computer technology	7	213	0	0	7	213	0	0	0	0

TABLE 6

ADULT VOCATIONAL EDUCATION PROGRAMS AND ENROLLMENTS BY TYPE OF INSTITUTION BY PROGRAM, 1986-87--Continued

	Total		High School		AVTS		Intermediate Unit		Correctional Institution	
	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled
Trade & Industrial Education--Continued										
Construction trades, other	2	72	1	69	0	0	0	0	1	3
Conventional electric power generation	2	383	0	0	2	383	0	0	0	0
Cosmetology	11	218	1	15	8	179	0	0	2	24
Criminal justice technology	1	11	0	0	1	11	0	0	0	0
Data processing	2	94	0	0	2	94	0	0	0	0
Diesel engine mechanics	5	76	0	0	5	76	0	0	0	0
Drafting	24	611	3	39	17	496	1	11	3	65
Drafting & design technology	8	218	0	0	7	199	1	19	0	0
Drafting, other	13	244	2	51	11	193	0	0	0	0
Electrical equipment repair, other	4	178	1	51	3	127	0	0	0	0
Electrical occupations	24	915	3	61	21	854	0	0	0	0
Electrical technology	4	101	0	0	4	101	0	0	0	0
Electrical, construction/maintenance	5	78	1	8	4	70	0	0	0	0
Electrician	43	1 919	0	0	39	1 831	0	0	4	88
Electromechanical technology	3	54	0	0	3	54	0	0	0	0
Electronic technology	17	440	1	15	16	425	0	0	0	0
Electronics	25	621	2	36	22	573	0	0	1	12
Firefighting	4	768	0	0	4	768	0	0	0	0
Floor covering installation	2	66	1	28	0	0	0	0	1	38
Foundry work	4	141	1	3	3	138	0	0	0	0
Furniture making	6	197	1	30	5	167	0	0	0	0
Glazing	3	125	0	0	2	103	1	22	0	0
Graphic arts	19	353	2	74	14	236	0	0	3	43
Graphics occupations	2	35	0	0	2	35	0	0	0	0
Heating	11	301	0	0	11	301	0	0	0	0
Heating, air cond, refrigeration	27	1 080	1	35	22	953	0	0	4	92
Heavy equipment maintenance/repair	3	129	1	11	2	118	0	0	0	0
Hydraulics/fluid power	5	92	0	0	4	89	1	3	0	0
Industrial ceramics manufacturing	1	48	0	0	1	48	0	0	0	0
Industrial electronics	4	54	0	0	4	54	0	0	0	0
Industrial equipment maintenance	1	38	0	0	1	38	0	0	0	0
Industrial equipment maintenance/repair	2	27	0	0	2	27	0	0	0	0
Industrial machine maintenance/repair	12	674	0	0	11	669	1	5	0	0

TABLE 6

ADULT VOCATIONAL EDUCATION PROGRAMS AND ENROLLMENTS BY TYPE OF INSTITUTION BY PROGRAM, 1986-87--Continued

	Total		High School		AVTS		Intermediate Unit		Correctional Institution	
	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled
Trade & Industrial Education--Continued										
Industrial production technology, other	3	351	1	1	2	350	0	0	0	0
Industrial technology	11	606	1	9	9	595	1	2	0	0
Jewelry design/repair	1	20	0	0	1	20	0	0	0	0
Law enforcement	1	34	0	0	1	34	0	0	0	0
Leather/upholster, other	1	10	0	0	1	10	0	0	0	0
Leathermaking & upholstery	1	25	0	0	1	25	0	0	0	0
Machine shop	62	4 043	6	168	50	3 707	4	120	2	48
Manufacturing technology	2	190	0	0	2	190	0	0	0	0
Marine maintenance	1	3	0	0	1	3	0	0	0	0
Masonry	28	587	0	0	27	550	0	0	1	37
Material handling	3	29	0	0	2	10	1	19	0	0
Meatcutting	2	18	0	0	2	18	0	0	0	0
Mechanical design technology	2	187	0	0	2	187	0	0	0	0
Mechanical drafting	6	114	1	28	5	86	0	0	0	0
Mechanics/repairers, other	4	185	0	0	4	185	0	0	0	0
Metal fabrication	6	55	1	3	5	52	0	0	0	0
Metallurgical technology	1	36	0	0	1	36	0	0	0	0
Metalworking occupations	3	73	0	0	3	73	0	0	0	0
Millwork & cabinet making	35	1 293	17	606	18	687	0	0	0	0
Mine equipment maintenance	1	3	0	0	1	3	0	0	0	0
Miscellaneous construction trades other	2	14	0	0	1	4	1	10	0	0
Miscellaneous mechanic repairer, othe.	2	16	0	0	1	10	1	6	0	0
Oil burner repair	2	28	0	0	2	28	0	0	0	0
Painting and decorating	8	219	3	104	5	115	0	0	0	0
Photo engraving	2	95	1	59	0	0	0	0	1	36
Photo lab & darkroom	23	483	10	128	13	355	0	0	0	0
Photographic technology	1	13	0	0	1	13	0	0	0	0
Pipefitting/steamfitting	1	13	0	0	1	13	0	0	0	0
Plastic technology	1	67	0	0	1	67	0	0	0	0
Plastics	5	169	1	29	4	140	0	0	0	0
Plumbing	30	1 410	1	9	26	1 290	0	0	3	111
Precision food production	3	62	0	0	3	62	0	0	0	0
Precision metal work	2	249	0	0	2	249	0	0	0	0

TABLE 6

ADULT VOCATIONAL EDUCATION PROGRAMS AND ENROLLMENTS BY TYPE OF INSTITUTION BY PROGRAM, 1986-87--Concluded

	Total		High School		AVTS		Intermediate Unit		Correctional Institution	
	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled
Trade & Industrial Education--Concluded										
Precision production, other	5	1 482	1	18	3	20	1	1 444	0	0
Precision work assorted material	6	804	1	87	5	717	0	0	0	0
Printing press operations	7	504	0	0	7	504	0	0	0	0
Refrigeration	14	669	1	21	13	648	0	0	0	0
Safety technology	1	13	0	0	1	13	0	0	0	0
Sheet metal	4	61	0	0	4	61	0	0	0	0
Shoe and boot repair	1	20	0	0	0	0	0	0	1	20
Silk screen printing	1	16	0	0	1	16	0	0	0	0
Small appliance repair	1	37	0	0	1	37	0	0	0	0
Small engine repair	37	759	3	124	31	588	0	0	3	47
Surveying & mapping technology	3	60	0	0	2	39	0	0	1	21
T & I supervision/management	7	154	2	17	4	114	1	23	0	0
Tool & die design technology	2	38	0	0	2	38	0	0	0	0
Tool and die making	12	442	0	0	12	442	0	0	0	0
Typesetting & composition	1	23	0	0	1	23	0	0	0	0
Upholstering	11	244	3	72	7	124	0	0	1	48
Vehicle/equipment operator, other	4	122	0	0	3	99	1	23	0	0
Welding	67	2 630	4	86	58	2 405	0	0	5	139
Woodworking, general	7	127	3	35	4	92	0	0	0	0
Woodworking, other	22	711	15	510	7	201	0	0	0	0
Not Elsewhere Classified	6	366	1	44	5	322	0	0	0	0
Mathematics, related	6	366	1	44	5	322	0	0	0	0
Consumer and Homemaking Education	42	1 510	31	1 161	11	349	0	0	0	0
Child development	1	23	1	23	0	0	0	0	0	0
Clothing and textiles	15	515	13	400	2	115	0	0	0	0
Consumer education	2	91	2	91	0	0	0	0	0	0
Family living/parenthood	3	63	3	63	0	0	0	0	0	0
Family/individual health	4	56	1	20	3	36	0	0	0	0
Food and nutrition	13	658	7	460	6	198	0	0	0	0
Housing, home furnishing	4	104	4	104	0	0	0	0	0	0

TABLE 7

AVTS ADULT VOCATIONAL EDUCATION ENROLLMENTS BY PROGRAM FIELD BY SCHOOL, 1986-87

	Total	Agriculture Education	Business Education	Health Occupations Education	Marketing & Distributive Education	Occupational Home Economics Education	Trade & Industrial Education	Not Elsewhere Classified	Consumer and Homemaking
AVTS TOTAL	55 355	684	12 588	4 795	806	2 016	33 795	322	349
Admiral Peary AVTS	718	0	204	146	0	77	291	0	0
Altoona AVTS	1 382	0	260	71	49	168	814	11	9
Beaver County AVTS	393	0	0	19	0	0	374	0	0
Bedford-Everett AVTS	365	41	155	79	0	0	90	0	0
Berks County AVTS-West	4 819	0	3 755	20	0	0	1 044	0	0
Bethlehem AVTS	880	22	0	0	0	36	822	0	0
Bradford County AVTS	123	0	19	47	0	0	57	0	0
Bucks County AVTS	529	0	0	129	10	0	390	0	0
Butler County AVTS	383	0	62	58	0	0	263	0	0
C Montgomery Co AVTS	794	0	103	0	0	15	676	0	0
C Westmoreland Co AVTS	906	0	21	0	0	0	885	0	0
Carbon County AVTS	466	0	145	47	15	17	237	0	5
Central Chester Co AVTS	367	0	0	80	21	9	257	0	0
Centre County AVTS	714	18	158	48	0	35	403	0	52
Clarion County AVTS	659	0	245	86	3	0	325	0	0
Clearfield County AVTS	309	0	74	80	0	0	155	0	0
Columbia-Montour AVTS	620	0	25	32	0	2	561	0	0
Connelley Skill Center	1 260	0	75	176	0	125	884	0	0
Crawford County AVTS	722	0	261	88	0	57	275	41	0
Cumberland-Perry AVTS	583	0	57	17	0	25	484	0	0
Dauphin County AVTS	503	18	37	0	0	0	448	0	0
Delwre Co AVTS-Folcroft	820	0	0	23	0	55	742	0	0
Delwre Co AVTS-Marple	645	0	8	52	0	0	585	0	0
E Montgomery Co AVTS	881	20	190	26	28	31	586	0	0
E Northampton Co AVTS	19	0	0	0	0	0	19	0	0
E Westmoreland Co AVTS	538	0	0	33	0	0	505	0	0
Erie County AVTS	2 262	0	398	282	0	22	1 519	41	0
Fayette County AVTS	279	0	138	87	0	0	54	0	0
Franklin County AVTS	1 729	94	397	270	25	27	916	0	0
Greater Johnstown AVTS	2 281	0	637	270	0	76	1 118	141	39
Greene County AVTS	24	0	12	12	0	0	0	0	0
Hazleton AVTS	202	0	0	28	0	12	162	0	0
Hbg-Stlton-Highspr AVTS	61	0	0	61	0	0	0	0	0
Huntingdon County AVTS	522	0	182	15	0	14	311	0	0
Indiana County AVTS	245	0	105	21	0	0	119	0	0

TABLE 7

AVTS ADULT VOCATIONAL EDUCATION ENROLLMENTS BY PROGRAM FIELD BY SCHOOL, 1986-87--Concluded

	Total	Agriculture Education	Business Education	Health Occupations Education	Marketing & Distributive Education	Occupational Home Economics Education	Trade & Industrial Education	Not Elsewhere Classified	Consumer and Homemaking
Jefferson Co-Dubois AVTS	656	42	299	32	0	0	283	0	0
JFK Adult AVTS	561	0	201	0	0	41	319	0	0
Juniata-Mifflin Co AVTS	495	0	167	59	2	12	255	0	0
Keystone Central AVTS	236	9	116	0	0	40	71	0	0
Lackawanna Co AVTS-Dende	1 014	0	183	181	28	84	538	0	0
Lanc Co AVTS-Willow St	2 692	0	200	237	61	104	2 090	0	0
Lawrence County AVTS	1 086	0	499	151	56	9	371	0	0
Lebanon County AVTS	887	21	182	39	34	0	611	0	0
Lehigh County AVTS	1 228	98	222	0	0	23	871	0	14
Lenape AVTS	151	0	8	38	0	0	105	0	0
Mercer County AVTS	639	0	160	81	49	6	343	0	0
Middle Bucks County AVTS	433	35	0	0	0	71	327	0	0
Mon Valley AVTS	435	0	0	49	0	17	369	0	0
Monroe County AVTS	3 149	52	606	570	182	309	1 267	88	75
Murrell Dobbins AVTS	242	0	0	0	0	0	242	0	0
N Westmoreland Co AVTS	265	0	26	25	0	0	214	0	0
North Fayette Co AVTS	512	21	89	109	42	53	198	0	0
North Montco AVTS	596	0	0	0	0	32	564	0	0
Northern Chester Co AVTS	94	0	51	0	0	25	18	0	0
Northumberland Co AVTS	233	0	31	3	0	14	185	0	0
Parkway West AVTS	7	0	0	0	0	0	7	0	0
Reading-Muhlenberg AVTS	475	74	0	52	0	8	341	0	0
Schuylkll Co AVTS-North	1 775	29	506	166	73	223	671	0	107
Seneca Highlands AVTS	169	1	108	0	0	0	60	0	0
Somerset County AVTS	895	17	79	86	41	11	661	0	0
Steel Center AVTS	315	0	0	0	0	0	315	0	0
SUN AVTS	356	0	70	17	0	0	269	0	0
Susquehanna County AVTS	703	0	66	44	0	0	593	0	0
Technical Memorial AVTS	420	0	122	46	0	0	252	0	0
Upper Bucks County AVTS	757	34	183	54	17	77	392	0	0
Venango County AVTS	292	0	106	50	0	0	120	0	16
W Montgomery County AVTS	579	38	97	0	0	0	412	0	32
Warren County AVTS	151	0	72	56	0	0	23	0	0
Western AVTS	29	0	0	29	0	0	0	0	0
Wilkes-Barre AVTS	562	0	39	124	0	0	399	0	0
York County AVTS	4 263	0	377	94	70	54	3 668	0	0

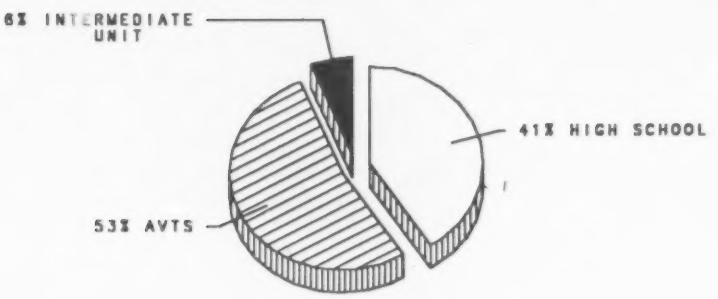
TABLE 8

VOCATIONAL EDUCATION SPECIAL NEEDS ENROLLMENTS BY LEVEL BY PROGRAM FIELD, 1986-87

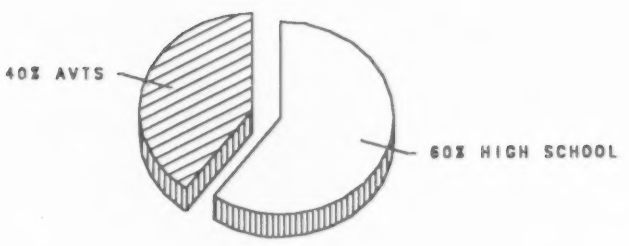
	Total			Secondary			Adult		
	Handi-capped	Disadvan-taged 2/	LEP	Handi-capped	Disadvan-taged 2/	LEP	Handi-capped	Disadvan-taged 2/	LEP
TOTAL 1/	16 292	54 775	1 379	15 896	50 323	1 287	396	4 452	92
Agriculture Education	995	3 122	13	978	3 021	13	17	101	0
Business Education	866	12 739	431	804	11 148	422	62	1 591	9
Health Occupations Education	456	2 357	46	426	1 538	25	30	819	21
Marketing & Distributive Education	515	2 077	73	515	2 058	73	0	19	0
Occupational Home Economics Education	1 872	3 266	57	1 847	2 925	54	25	341	3
Trade & Industrial Education	7 030	18 848	526	6 847	17 336	471	183	1 512	55
Not Elsewhere Classified	1 702	1 286	60	1 702	1 286	60	0	0	0
Consumer & Homemaking Education	2 856	11 080	173	2 777	11 011	169	79	69	4

1/ Does not include students in state correctional institutions (1,360 secondary and 2,474 adult).
2/ Includes limited English proficiency enrollments.

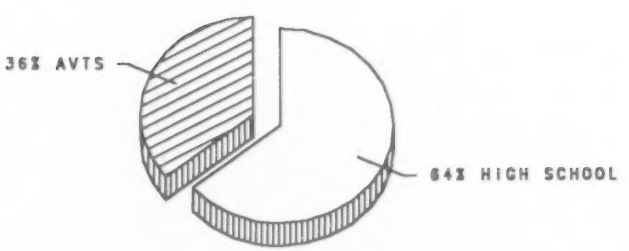
FIGURE 4
SECONDARY VOCATIONAL EDUCATION
SPECIAL NEEDS ENROLLMENTS BY TYPE OF INSTITUTION
1986-87



HANDICAPPED



DISADVANTAGED
Includes limited English proficiency



LIMITED ENGLISH PROFICIENCY

TABLE 9

JOB TRAINING PARTNERSHIP ACT (JTPA)
STATE EDUCATION GRANT ENROLLMENTS AND COMPLETERS BY PROGRAM FIELD, 1986-87, 1/

	Enrollments	Completers 2/
GRAND TOTAL	13 667	8 949
AGRICULTURE EDUCATION--TOTAL	19	15
Horticulture	19	15
BUSINESS EDUCATION--TOTAL	712	482
Accounting, bookkeeping, and related programs	84	51
Business data processing and related programs	18	13
Business data programming	17	8
Computer and console operation	52	30
Data entry operation	133	87
General office and related programs	127	89
Secretarial and related programs	69	48
Secretarial, executive	7	5
Secretarial, legal	11	10
Secretarial, medical	70	47
Stenographic	32	18
Word processing	63	60
Other business education	29	16
HEALTH OCCUPATIONS EDUCATION--TOTAL	1 304	820
Dental services	61	45
Diagnostic and treatment services	43	27
Medical assisting	48	41
Medical laboratory technology	26	10
Mental health/human services	70	61
Nursing	271	149
Nursing-related services	223	191
Practical nursing	549	285
Other health occupations education	13	11
MARKETING AND DISTRIBUTIVE EDUCATION--TOTAL	31	26
Hotel/motel management	23	20
Other marketing and distributive education	8	6

TABLE 9

JOB TRAINING PARTNERSHIP ACT (JTPA)
STATE EDUCATION GRANT ENROLLMENTS AND COMPLETERS BY PROGRAM FIELD, 1986-87, 1/--Concluded

	Enrollments	Completers 2/
OCCUPATIONAL HOME ECONOMICS EDUCATION--TOTAL	244	170
Child care services	28	16
Food production, management, and services	196	141
Other occupational home economics education	20	13
TRADE AND INDUSTRIAL EDUCATION--TOTAL	742	513
Building and property maintenance	26	19
Carpentry	11	8
Computer and information sciences	29	12
Cosmetology	20	14
Data processing	43	30
Drafting occupations	51	32
Electrical and electronic technology	92	65
Electrical and electronics equipment repair	55	41
Electrical and power transmission installation	13	7
Electromechanical instrumentation & maintenance technology	40	33
Graphic and printing communications	35	20
Heating, air conditioning, and refrigeration mechanics	61	46
Industrial equipment maintenance and repair	40	23
Legal assisting	11	7
Machine shop	62	52
Meatcutting	12	7
Millwork and cabinet making	25	14
Truck and bus driving	9	9
Vehicle and mobile equipment mechanics and repair	50	30
Welding	5	5
Other trade and industrial education	52	39
NOT ELSEWHERE CLASSIFIED--TOTAL	10 615	6 923
Adult basic education	4 139	2 581
English as a second language	398	301
General educational development	5 500	3 656
Other not elsewhere classified	578	385

1/ This information is not included in other tables.
2/ Programs which extend beyond June 30, 1987 would not show completers in this report.

Source: Pennsylvania Department of Labor and Industry

TABLE 10

FOLLOW-UP OF VOCATIONAL EDUCATION COMPLETERS OF APPROVED SECONDARY PROGRAMS BY PROGRAM FIELD AND SEX, 1985-86

		Percent of Respondents						
		Employed, Military, Pursuing Education					Unemployed	
	Completers	Employed Related to Training	Employed Not Related to Training	Military Service	Pursuing Additional Education	Total Gainfully Placed 1/	Unemployed Looking	Unemployed Not Looking
SECONDARY TOTAL	42 749	35.6	23.2	6.8	23.7	89.2	7.6	3.2
Female	23 251	38.4	21.7	1.4	25.6	87.0	8.1	4.8
Male	19 498	31.8	25.2	14.3	21.0	92.3	6.8	.9
Agriculture Education	2 150	34.2	29.8	9.6	16.8	90.5	6.8	2.8
Female	529	25.7	38.1	1.1	17.4	82.3	10.6	7.2
Male	1 621	37.6	26.5	13.0	16.6	93.7	5.3	1.0
Business Education	16 253	34.9	19.4	3.0	32.5	89.8	7.0	3.2
Female	13 564	38.3	19.3	1.3	30.2	89.1	7.4	3.5
Male	2 689	10.6	20.2	15.3	48.8	95.0	4.2	.9
Health Occupations Education	1 665	37.7	21.5	2.2	25.6	87.0	8.1	4.9
Female	1 602	38.2	21.8	2.2	24.9	87.1	8.0	5.0
Male	63	20.0	12.0	4.0	48.0	84.0	12.0	4.0
Marketing and Distributive Education	2 345	38.6	21.4	4.1	20.6	84.7	9.2	6.2
Female	1 557	41.1	21.6	.9	18.4	81.9	9.9	8.2
Male	788	32.2	20.9	12.1	26.4	91.6	7.3	1.1
Occupational Home Economics Education	2 102	34.1	22.7	4.6	17.5	78.9	13.8	7.3
Female	1 439	35.1	22.6	1.1	17.0	75.8	14.7	9.5
Male	663	31.6	22.9	13.9	19.0	87.4	11.3	1.3
Technical Education	2 446	22.5	20.0	12.5	38.6	93.6	4.8	1.6
Female	728	30.9	22.1	2.2	35.0	90.3	5.8	3.9
Male	1 718	18.3	19.0	17.6	40.3	95.2	4.3	.5
Trade and Industrial Education	13 227	38.6	27.2	11.4	12.5	89.7	8.0	2.3
Female	2 603	42.7	28.9	.9	11.3	83.9	8.7	7.4
Male	10 624	37.6	26.7	14.1	12.8	91.2	7.9	1.0
Not Elsewhere Classified	2 561	38.8	29.4	7.3	15.5	91.0	6.1	2.9
Female	1 229	43.5	25.6	2.1	17.3	88.5	6.6	4.9
Male	1 332	33.8	33.5	12.9	13.5	93.7	5.5	.8

1/ "Total gainfully placed" includes "employed related to training," "employed not related to training," "military service" and "pursuing additional education."

Due to rounding factors, percentages will not always add to 100.0 percent.

The student follow-up of secondary vocational education completers from the 1985-86 school year was conducted during the summer of 1987. The total response rate was 44.1 percent. Of the female completers, 47.1 percent responded, while 40.6 percent of the male completers responded

A student is counted in only one of the employment status categories. A student who is "pursuing additional education" and either "employed not related to training," "unemployed looking," or "unemployed not looking" is counted as "pursuing additional education." A student who is "pursuing additional education" and "employed related to training" is counted as "employed related to training"; a student who is "pursuing additional education" and "military service" is counted as "military service."

TABLE 11

FOLLOW-UP OF VOCATIONAL EDUCATION COMPLETERS OF ADULT PROGRAMS BY PROGRAM FIELD AND SEX, 1985-86

		Percent of Respondents						
		Employed, Military, Pursuing Education					Unemployed	
	Completers	Employed Related to Training	Employed Not Related to Training	Military Service	Pursuing Additional Education	Total Gainfully Placed 1/	Unemployed Looking	Unemployed Not Looking
ADULT TOTAL	5 554	48.1	29.1	.6	5.7	83.5	8.2	8.3
Female	3 263	51.8	24.8	.3	4.8	81.7	7.6	10.7
Male	2 291	41.8	36.5	1.0	7.2	86.4	9.3	4.3
Agriculture Education	21	7.7	23.1	.0	7.7	38.5	15.4	46.2
Female	17	8.3	25.0	.0	8.3	41.7	16.7	41.7
Male	4	.0	.0	.0	.0	.0	.0	100.0
Business Education	1 354	35.9	38.5	.1	5.2	79.7	8.7	11.6
Female	1 238	35.8	38.2	.0	5.1	79.1	8.7	12.2
Male	116	36.4	43.2	2.3	6.8	88.6	9.1	2.3
Health Occupations Education	1 400	76.7	9.4	.5	4.3	90.9	4.3	4.8
Female	1 303	77.1	8.8	.4	3.9	90.3	4.6	5.0
Male	97	69.8	17.0	1.9	9.4	98.1	.0	1.9
Marketing and Distributive Education	32	20.0	46.7	.0	.0	66.7	13.3	20.0
Female	18	.0	62.5	.0	.0	62.5	12.5	25.0
Male	14	42.9	28.6	.0	.0	71.4	14.3	14.3
Occupational Home Economics Education	266	23.0	24.2	1.1	8.8	57.1	19.8	23.1
Female	209	24.0	18.7	1.3	9.3	53.3	21.3	25.3
Male	57	18.8	50.0	.0	6.3	75.0	12.5	12.5
Technical Education	592	32.5	41.2	.4	6.9	81.0	9.9	9.1
Female	253	29.7	43.2	.0	5.1	78.0	9.3	12.7
Male	339	34.6	39.7	.6	8.3	83.3	10.3	6.4
Trade and Industrial Education	1 889	40.5	36.3	1.0	6.6	84.4	9.5	6.1
Female	225	28.3	34.3	1.0	5.1	68.7	8.1	23.2
Male	1 664	42.2	36.6	1.0	6.8	86.6	9.7	3.7

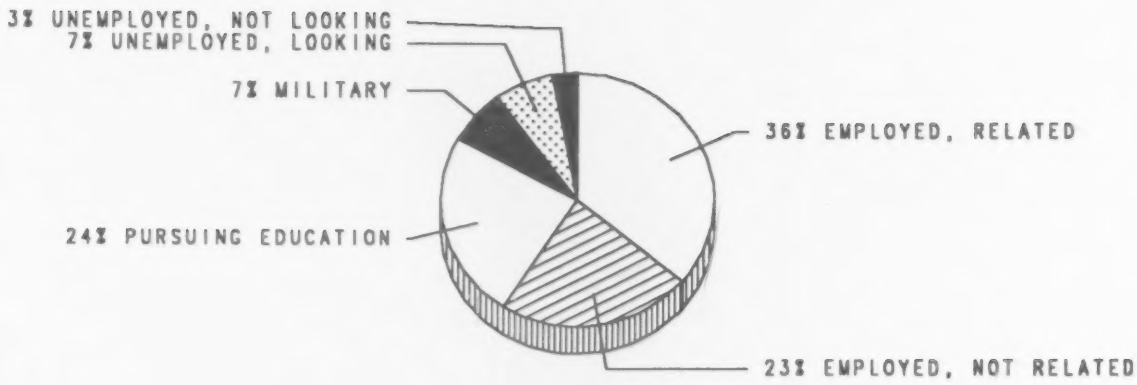
1/ "Total gainfully placed" includes "employed related to training," "employed not related to training," "military service" and "pursuing additional education."

Due to rounding factors, percentages will not always add to 100.0 percent.

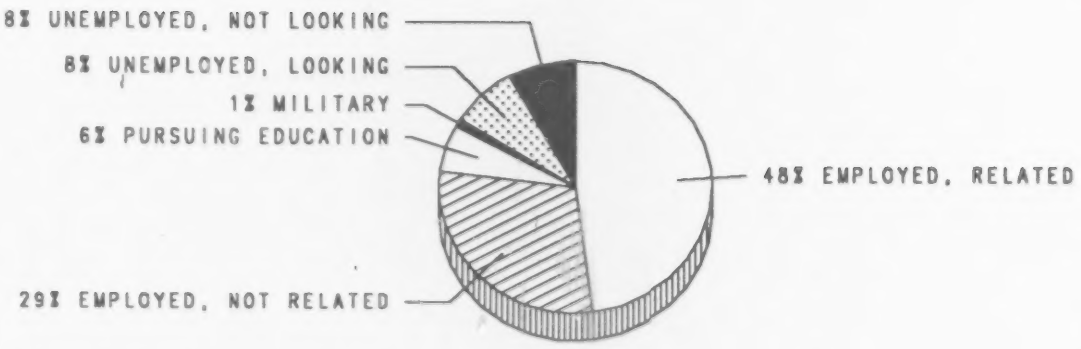
The student follow-up of adult vocational education completers from the 1985-86 school year was conducted during the summer of 1987. The total response rate was 47.4 percent. Of the female completers, 50.8 percent responded, while 42.7 percent of the male completers responded.

A student is counted in only one of the employment status categories. A student who is "pursuing additional education" and either "employed not related to training," "unemployed looking," or "unemployed not looking" is counted as "pursuing additional education." A student who is "pursuing additional education" and "employed related to training" is counted as "employed related to training"; a student who is "pursuing additional education" and "military service" is counted as "military service."

FIGURE 5
FOLLOW-UP OF VOCATIONAL EDUCATION
COMPLETERS BY LEVEL
1985-86



SECONDARY



ADULT

TABLE 12

AVERAGE SALARY OF VOCATIONAL EDUCATION COMPLETERS BY SEX BY LEVEL AND PROGRAM FIELD
1985-86

	Average Hourly Salary		
	Total	Female	Male
SECONDARY	$ 5.29	$ 4.94	$ 5.78
Agriculture Education	4.90	4.10	5.09
Business Education	5.15	5.15	5.18
Health Occupations Education 1/	4.78	4.78	4.67
Marketing and Distributive Education	4.54	4.18	5.30
Occupational Home Economics Education	4.39	4.14	5.01
Technical Education	5.48	5.18	5.73
Trade and Industrial Education	5.72	4.55	5.95
Not Elsewhere Classified	5.32	4.79	5.99
ADULT	7.44	6.65	8.73
Business Education 1/	6.50	6.18	9.84
Health Occupations Education	6.85	6.82	7.09
Marketing and Distributive Education 2/	7.81	-	7.81
Occupational Home Economics Education 2/	4.66	4.48	5.65
Technical Education	8.49	6.89	9.58
Trade and Industrial Education 3/	8.79	9.26	8.76

1/ Less than 30 male respondents.
2/ Less than 30 respondents.
3/ Less than 30 female respondents.

The average hourly salary was computed from salaries reported by student follow-up respondents employed 35 or more hours per week in a field related to their training.

TABLE 13

SUPPORT FOR VOCATIONAL EDUCATION BY SOURCE BY SELECTED YEARS

(Based in Thousands of Dollars)

Fiscal Year	Total	Local 1/	State 1/	Federal 2/
1963-64	$ 12 325	$ 7 578	$ 1 982	$ 2 765
1966-67	65 580	28 364	23 412	13 804
1968-69	101 647	55 401	32 201	14 045
1971-72	169 853	90 042	54 353	25 458
1973-74	181 943	98 069	56 436	27 438
1976-77	258 979	104 692	125 114	29 173
1978-79	302 674	111 839	159 715	31 120
1981-82	390 666	114 634	242 207	33 825
1983-84	430 145	123 907	270 320	35 918
1986-87	477 726	126 782	312 192	38 752

1/ Expenditures
2/ Grant allotment

Source: Bureau of Basic Education Fiscal Administration

FIGURE 6
SUPPORT FOR VOCATIONAL EDUCATION
BY SOURCE BY SELECTED YEARS

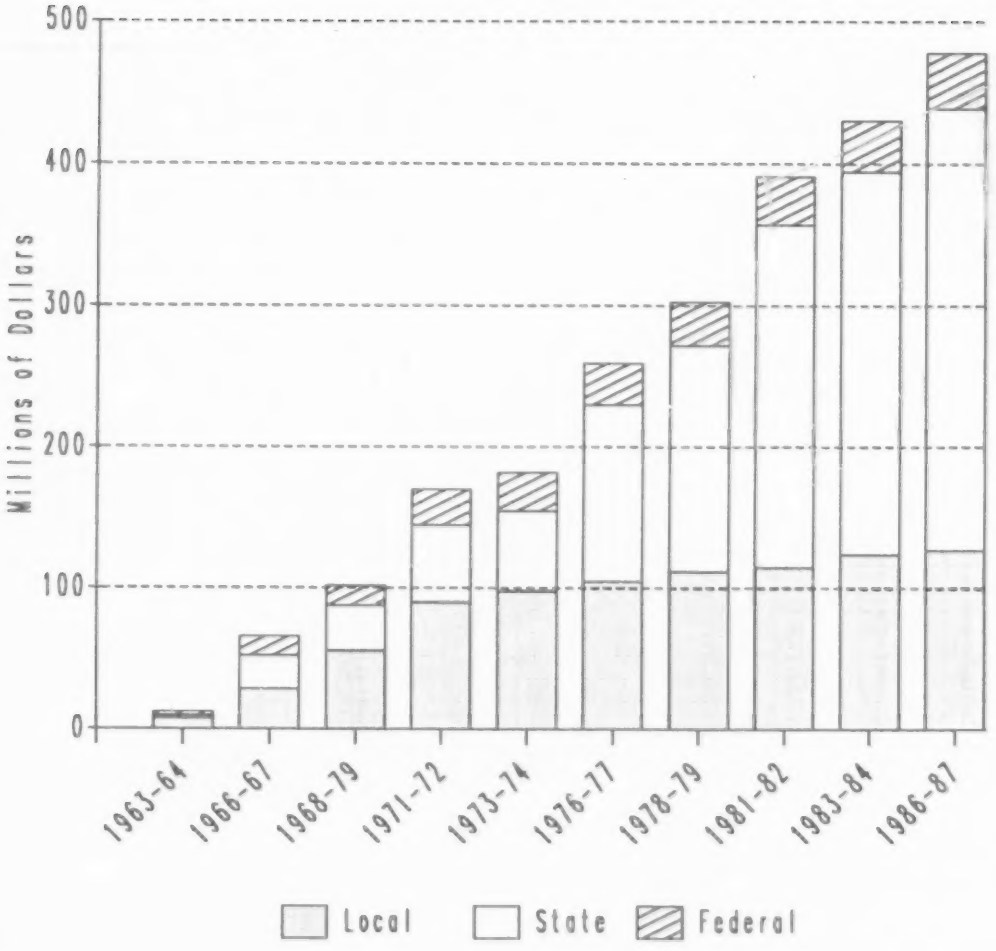


TABLE 14

SECONDARY VOCATIONAL EDUCATION TEACHERS BY PROGRAM FIELD
1982-83 THROUGH 1986-87

	1982-83	1983-84	1984-85	1985-86	1986-87
TOTAL TEACHERS	6 717	6 510	6 380	6 142	5 908
Agriculture Education	331	320	319	311	302
Business Education	2 648	2 603	2 541	2 466	2 390
Health Occupations Education	152	151	161	150	150
Marketing and Distributive Education	207	189	185	167	156
Occupational Home Economics Education	260	253	244	235	219
Technical Education	250	242	250	243	-
Trade and Industrial Education	1 575	1 537	1 507	1 438	1 623
Not Elsewhere Classified	212	176	167	145	136
Consumer and Homemaking Education	1 082	1 039	1 006	987	932

As of 1986-87, the technical education program field is included in the trade and industrial education program field.

FIGURE 7
SECONDARY VOCATIONAL EDUCATION TEACHERS
HIGH SCHOOL AND AVTS
1982-83 THROUGH 1986-87

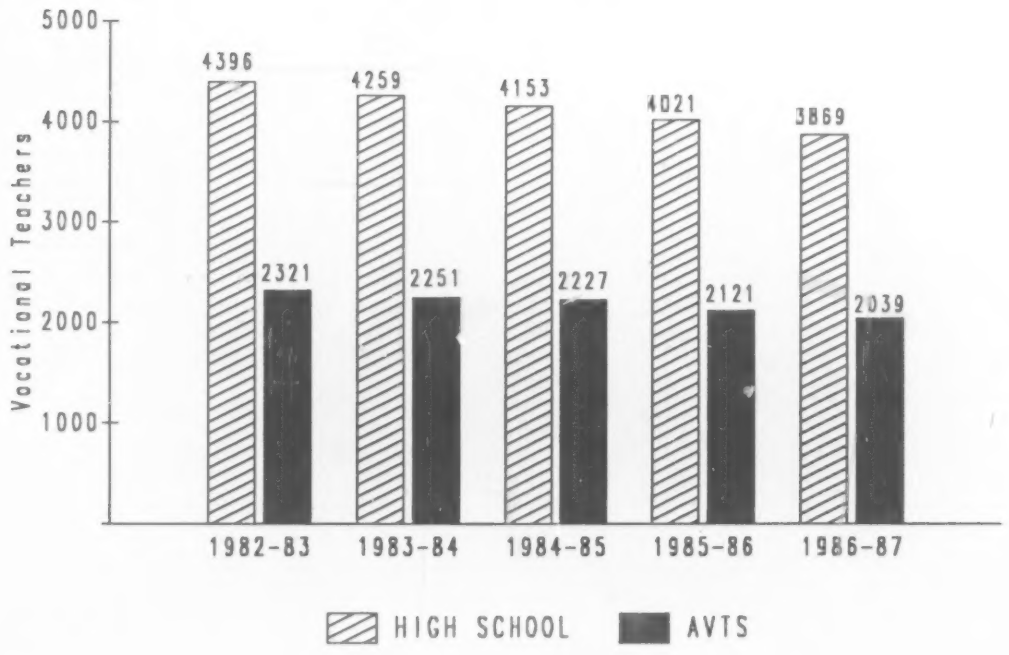


TABLE 15

ADULT VOCATIONAL EDUCATION TEACHERS BY EDUCATION LEVEL AND HOURLY SALARY
BY PROGRAM FIELD, 1986-87

	Total	Education Level						Hourly Salary
		High School or Less	College 1 to 2 Years	College 3 to 4 Years	Bachelor's Degree	Master's Degree	Doctorate	
TOTAL ADULT TEACHERS	2 631	395	566	129	988	536	17	$ 17.12
Agriculture Education	116	5	6	1	64	37	3	13.72
Business Education	617	35	58	10	322	188	4	16.11
Health Occupations Education	378	27	69	35	180	62	5	18.13
Marketing and Distributive Education	25	3	3	1	13	4	1	14.59
Occupational Home Economics Education	110	37	33	3	24	13	-	15.46
Trade and Industrial Education	1 309	277	390	75	349	215	3	17.31
Not Elsewhere Classified	14	1	-	1	6	6	-	11.04
Consumer and Homemaking Education	62	10	7	3	30	11	1	12.88

GLOSSARY

ADULT--A vocational education program offered in public secondary schools, intermediate units, and state correctional institutions to students who have completed or left high school.

AMERICAN INDIAN OR ALASKAN NATIVE--A person having origins in any of the original peoples of North America, and who maintains cultural identification through tribal affiliation or community recognition.

APPRENTICE--A student enrolled in a registered or unregistered apprenticeship program involving on-the-job training and in-school instruction.

APPROVED PROGRAM--A program certified in writing by the Pennsylvania Department of Education as meeting the state regulations and standards for vocational education.

AREA VOCATIONAL-TECHNICAL SCHOOL (AVTS)--A specialized high school used principally for providing vocational education.

ASIAN OR PACIFIC ISLANDER--A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or the Pacific Islands. The areas include, for example, China, Japan, Korea, India, the Philippine Islands, and Samoa.

BLACK, NOT OF HISPANIC ORIGIN--A person having origins in any of the black racial groups of Africa.

COMPLETER--A student who has completed a planned sequence of courses designed to meet a vocational occupational objective.

DISADVANTAGED--A student who is either academically or economically disadvantaged for reason other than handicapped.

HANDICAPPED--A student evaluated as being deaf, deaf/blind, hard of hearing, mentally retarded, orthopedically impaired, seriously emotionally disturbed, specific learning disabled, speech impaired, visually handicapped, or other health impaired, who because of those impairments requires special education and related services.

HISPANIC--A person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race.

JOB TRAINING PARTNERSHIP ACT (JTPA) (State Education Grant)--A federal/state education and training program administered by the Pennsylvania Department of Education, targeted to economically disadvantaged youths and adults fourteen years of age and older.

LIMITED ENGLISH PROFICIENCY--A student who is a member of a national-origin minority who does not speak and understand the English language in an instructional setting well enough to benefit from vocational studies to the same extent as a student whose primary language is English.

NONRESIDENT ALIEN--A person who is not a citizen of the United States and who is in this country on a temporary basis and does not have the right to remain indefinitely.

NOT ELSEWHERE CLASSIFIED--A single-skill or special vocational education program that cannot be classified under any of the other seven program fields.

OCCUPATIONAL--A vocational education program that prepares students for employment. Includes all vocational education reported except consumer and homemaking education.

POSTSECONDARY--A vocational education program offered in higher education institutions that are legally authorized to grant degrees or that are included on the list of postsecondary institutions in the Pennsylvania State Plan for Vocational Education.

PREPARATORY--A student enrolled in a vocational program for new occupational preparation.

SECONDARY--A vocational education program offered in public secondary schools, intermediate units, and state correctional institutions to students in grades nine through twelve (including ungraded students in the same age group as those students in grades nine through twelve).

SUPPLEMENTAL--A student enrolled in a vocational program to upgrade or update herself/himself to achieve stability or advancement in her/his occupational field.

WHITE, NOT OF HISPANIC ORIGIN--A person having origins in any of the original peoples of Europe, North America, or the Middle East.

NOTE

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